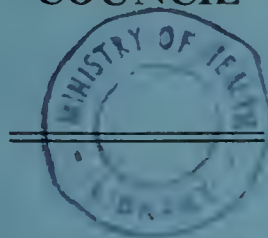


CAMBORNE-REDRUTH URBAN DISTRICT
COUNCIL



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ANNUAL REPORT

OF THE
PUBLIC HEALTH DEPARTMENT
1963

Dr. J. A. W. REID, M.B., Ch.B., D.P.H., M.R.S.H.,
Medical Officer of Health

Mr. C. F. BAXTER, M.A.P.H.I.,
Chief Public Health Inspector

*With the Compliments
of the
Medical Officer of Health*

*Health Area Office,
Rectory Road,
Camborne.*



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HEALTH COMMITTEE — 1963

Chairman—Councillor S. JEFFERY

Vice-Chairman—Councillor W. K. STEAD

Councillor Mrs. A. M. WEEKS
Councillor Mrs. M. J. CLIFTON
Councillor C. H. H. MITCHELL
Councillor J. MITCHELL
Councillor S. S. WILLIAMS
Councillor J. HAM

Councillor S. JAMES
Councillor R. S. RODWELL
Councillor W. D. BOSANKO
Councillor K. SLEEMAN
Councillor W. HART

No. 2 AREA HEALTH SUB-COMMITTEE CAMBORNE-REDRUTH MEMBERS

Councillor W. HART
Councillor Mrs. A. WEEKS
Councillor Lt. Col. S. OSBORNE
Councillor Mrs. M. J. CLIFTON

PREFACE

Public Health Department,
Council Offices,
Camborne.
September, 1964.

To the Chairman and Members of the Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report of the Medical Officer of Health for the year 1963 in accordance with regulations 5 (3) and 15 (5) of the Public Health Officers (Outside London) Regulations 1959.

The mid-year estimate of population was 36,240 an increase of 240 on last year's figure. This compares with the figure of 36,110 found at the Census count for 1961. The birth rate, general death rate, tuberculosis case incidence and respiratory tuberculosis death rate have increased compared with 1962. The still birth rate, infant mortality and the maternal mortality showed little change from last year. The increase of notifications of infectious disease was due to measles which remained sporadic throughout the first nine months and then increased markedly in the last quarter. Infective hepatitis which is not a notifiable disease was prevalent throughout the first quarter of the year. 36 cases, 12 adults and 24 school children were notified voluntarily by General Practitioners during the year. All cases were of mild or moderate severity.

This year the main preoccupations of the department were slaughterhouse improvements, meat inspection, house renovation and drainage arrangements for new industry, private dwellings and the sewerage system in St. Day and Lanner Ward. Progress has been made in these matters since the war, but the weight of new Health Legislation which will fall on the department in the near future cannot fail to make one a little apprehensive. The Urban District being the largest meat exporting area in Cornwall one hundred per cent meat inspection will have first call on much of the time of the Sanitary Inspectorate. Simultaneously, the Offices, Shops and Railway Premises Act 1963 requires a much needed improvement in health standards in these premises. It is of interest to note the new change of emphasis in administration which is shown in this Act. It is very much a case of Local Authority staff carrying out the field work for a Central Government Department. If this new pattern is to extend and flourish, Local Authorities must be placed in as favourable a position to recruit staff as Central Government Departments. This does not exist at present. Indeed, if health work in the community goes by default because of inability to attract staff there is a real threat that those Health Services at present administered by Local Authorities may be taken over by some ad hoc body as has

been done in the Hospital Service. Certainly, the pacemaker of development and modernisation of the National Health Service is the Hospital Service and the preventative medico- social services provided in the home must measure up to the needs of the Hospital Service if they are to remain complementary to and not become part of that service.

The Health Committee received the decision of the public enquiry into the St. Day and Lanner sewerage scheme with much disappointment. The effect of this decision was to delay the scheme by many months at a time when development and increased prosperity was taking place in the Urban District. However, by the end of the year great strides had been taken by the Engineer's Department and the Health Department to overcome the difficulties of re-siting the entire treatment works.

Although it was found necessary to remove compulsorily only one aged person to hospital, the care of the aged in their homes continues to be a problem. Too many old people living on their own are not receiving the help they require. Some refuse all help, others cannot receive enough from existing services. Housing, nutrition, foot treatment and increased help in the home are the most pressing needs of the aged in the Urban District. At least four warden units are required and old people's bungalows should be provided in Redruth which has none at present. Some improvement of the Meals on Wheels scheme was possible when the County Council agreed to equip future schemes and the Urban District Council took on the financial responsibility of providing the meals, leaving the voluntary bodies to organise and arrange distribution. Some money was available during the year to provide urgent foot treatment to a limited number, but there is a need for a more comprehensive chiropody service which Local Health Authorities have had power to provide since 1959.

I wish to express my thanks for the support of the Chairman of the Public Health and Housing Committees, Members of the Committees, Officers of the Council, and for the work of the staff of the Public Health Department and the Area Health Office throughout a busy year.

I am, Ladies and Gentlemen,

Your Obedient Servant,

J. A. W. REID,

Medical Officer of Health.

Area Health Office,

Rectory Road,

Camborne.

Tel. Nos. : Camborne 3026/3321.

To the Chairman and Members of the Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my report for the year ending the 31st December, 1963.

During the year a seventh Inspector was appointed to the staff of the department. This brought the staff up to the standard which was agreed some years ago. Unfortunately new legislation demanded 100% meat inspection without control of hours of slaughtering. This again left the department in difficulties in attempting to give adequate attention to all sides of public health work. In addition the year saw a new high level reached in the number of animals slaughtered, some 173,000 carcasses were dealt with during the year. 100% meat inspection is obviously essential, but in an area of this nature the task is extremely formidable.

Persual of the report will show that much valuable work was carried out in many aspects of public health during 1963. I am, however, only too conscious of the amount of work which has been left undone.

I am indebted to the following officers for information and data which have been included under the sections " Water " and " Housing " in the report ; Mr. L. V. Oekford, Water Engineer, Camborne Water Company, Mr. D. H. Phillips, M.I.Mun.E. Engineer and Surveyor and Water Engineer to the Council and Mr. J. Lenten, Housing Officer to the Council.

I am, Ladies and Gentlemen,

Your Obedient Servant,

C. F. BAXTER,

Chief Public Health Inspector.

SECTION A.

1. General Statistics

Area of the district in acres	22,411
Population of the area	36,240
Total number of inhabited houses (private and Council)	12,689
Total number of Council houses	1,850
Number of sub-standard houses	250
Number under demolition order	46
Number of caravans (Residential and Seasonal).	287
Number of caravans (Permanent)	148
Ratio of houses to Residential caravans	86 : 1
Rateable value	£922,840
Product of the penny rate	£3,674
Rainfall in the area in inches	49.07
Number of marriages	265

2. Physical and Social Conditions

(a) Description of the Area

The Urban District Council of Camborne-Redruth was established on the 1st April, 1934, by the amalgamation of the Urban Districts of Redruth and Camborne together with parts of the parishes of Wendron, Illogan and Gwennap in the Rural District of Redruth.

It is roughly rectangular in shape having the sea as its North boundary. Through the middle of the area and parallel to the coast run the road and rail connections with Penzance and Truro. Ribbon development has taken place along the A.30 road between the townships of Camborne and Redruth. Other centres of population are Portreath, St. Day, Carharrack, Lanner, Troon and Beacon. Of recent years there has been industrial development around Pool.

(b) Employment in the Area

Mr. F. L. Robinson, Manager of the Employment Exchange, has kindly supplied the following information relating to employment, unemployment, disablement and rehabilitation in the area.

(c) Unemployed by Industries at 9th December, 1963

Skilled and Semi-skilled :				Camborne				Redruth			
Industry				M.	B.	W.	G.	M.	B.	W.	G.
Building and Civil Engineering Workers				8	—	—	—	6	1	—	—
Shipbuilding and Repairing, Engineering and Electrical Workers including Motor Fitters				23	—	—	—	18	—	—	—
Hotel and Catering Workers ...				8	—	15	2	5	—	15	—
Private Domestic Workers ...				—	—	23	1	1	—	18	2
Laundry Workers				1	—	4	—	—	—	1	—
Stores and Warehouse Workers, Packers				2	—	—	—	2	—	2	1
Agricultural Workers, Gardeners...				13	—	1	1	21	3	1	—
Textile and General Clothing Workers				1	—	4	—	—	—	3	—
Shop Assistants				1	—	22	1	1	1	6	—
Clerks, Shorthand Typists, Machine Operators				14	—	16	1	26	—	12	—
Professional Workers				14	—	4	—	5	—	1	—
Drivers				16	—	—	—	25	—	—	—
All other Workers				27	—	5	—	24	—	4	—

Unskilled Workers				Camborne				Redruth			
Industry				M.	B.	W.	G.	M.	B.	W.	G.
Builders' Labourers				2	—	—	—	38	—	—	—
Engineering Labourers				—	—	—	—	2	—	—	—
Unskilled Hotel Workers				2	—	1	—	2	—	2	—
Cleaners				—	—	1	—	—	—	3	—
Agricultural Workers				3	1	3	2	1	—	—	—
General Factory Labourers				4	2	16	1	6	1	29	4
General Labourers				52	5	—	—	63	2	—	—
Light Labourers				51	—	3	—	39	1	3	1
Miscellaneous Services				3	2	—	—	3	1	—	2
No Industry. School Leavers				—	—	—	—	—	2	—	—

M = Males B = Boys W = Women G = Girls

(d) Analysis of Unemployed Disabled Persons as at 8th April, 1963.

Suitable for Ordinary Employment — Section I

			Men	Women	Boys	Girls
Surgical	15	2	—	—
Medical	25	1	—	—
Psychiatric	4	—	—	—
Others	10	—	—	—

Suitable for Employment under Sheltered Conditions — Section II

			Men	Women	Boys	Girls
Surgical	6	3	—	—
Medical	28	1	—	—
Psychiatric	2	—	—	—
Others	4	2	—	—

Number of Unemployed Registered Disabled Persons on Disabled Live File — month ended 9th December, 1963

					Men	Women	Total
Suitable for employment in Open Industry	...				49	7	56
Suitable for employment under Sheltered Conditions	28	1	29

(e) Number entering Industrial Rehabilitation Units and Government Training Centres during the year ending 31st December, 1963

Men	Women	Boys	Girls
9	1	—	—

(f) Estimated number of Insured Employees, 1961/63

(These figures are not sufficiently precise to enable comparison to be made in detail between consecutive years but they provide an approximate indication of the industrial structure of the area).

Group	Description	Males			Females			Total		
		1961	1962	1963	1961	1962	1963	1961	1962	1963
I	Agriculture and Fishing	783	657	636	176	126	106	959	783	742
II	Mining and Quarrying	511	525	512	13	10	17	524	535	529
	Total Extractive	1,294	1,182	1,148	189	136	123	1,483	1,318	1,271
III	Food, Drink and Tobacco	519	499	571	154	143	144	673	642	715
IV	Chemicals, etc.	199	131	251	118	44	28	317	175	279
V	Metal Manufacture	1	—	1	—	—	—	1	—	1
VI	Engineering and Electrical Goods	2,452	2,410	2,548	301	292	358	2,753	2,702	2,906
VII	Shipbuilding and Marine Engineering	7	49	96	—	—	—	7	49	96
VIII	Vehicles	1	4	3	—	—	—	1	4	3
*IX	Metal Goods	—	—	6	—	—	—	—	—	6
X	Textiles	229	232	234	296	280	295	525	512	529
*XI	Leather, etc.	—	—	42	—	—	27	—	—	69
XII	Clothing and Footwear	54	55	66	268	289	296	322	344	362
XIII	Bricks, etc.	59	82	63	16	28	24	75	110	87
XIV	Timber, Furniture, etc.	6	23	29	3	3	4	9	26	33
XV	Paper, Printing and Publishing	22	14	19	4	3	17	26	17	36
XVI	Other Manufacturing Industries	90	110	1	25	41	1	115	151	2
	Total Manufacturing	3,639	3,609	3,930	1,185	1,123	1,194	4,824	4,732	5,124
XVII	Construction	897	1,147	1,053	35	16	20	932	1,163	1,073
XVIII	Gas, Electricity and Water	875	933	971	112	97	101	987	1,030	1,072
XIX	Transport, etc.	447	456	421	48	48	41	495	504	462
XX	Distributive	1,441	1,751	1,549	983	1,130	969	2,424	2,881	2,518
XXI	Insurance, Banking and Finance	89	105	123	62	59	63	151	164	186
XXII	Professional, etc., Services	653	556	610	1,057	913	1,135	1,710	1,469	1,745
XXIII	Miscellaneous Services	580	466	464	577	627	504	1,157	1,093	968
XXIV	Public Administration	494	407	382	144	177	172	638	584	554
	Ex-Service, not yet classified. etc.	1	1	4	4	—	—	5	1	4
		2	—	4	—	—	4	2	—	8
	Total Non-Manufacturing	5,479	5,822	5,581	3,022	3,067	3,009	8,501	8,889	8,590
	Grand Total	10,412	10,613	10,659	4,396	4,326	4,326	14,808	14,939	14,985

* Totals for Group Number IX and XI for years 1961 and 1962 are included in "Other Manufacturing Industries," Group Number XVI.

(g) Sickness Morbidity

I am indebted to Mr. D. Sampson, Manager, Ministry of National Insurance, Redruth, for the following table giving the number of new claims of sickness and injury benefit for 1963.

			Sickness Benefit	Injury Benefit
January	732	49
February	652	45
March	1,233	46
April	770	44
May	459	45
June	324	43
July	478	52
August	365	34
September	346	60
October	604	67
November	492	39
December	550	34

3. Vital Statistics

(a) Live Births			Males	Females	Total		Rate
Total	324	266	590		
Legitimate	309	252	561		
Illegitimate	15	14	29		
Birth Rate (Crude)	16.28
Comparability Factor	1.06
Adjusted Birth Rate (per 1,000 population)	17.26
Illegitimacy Rate (% of Live Births)	4.91

(b) Still Births

Total	9	9	18		
Legitimate	8	8	16		
Illegitimate	1	1	2		
Still Birth Rate (per 1,000 total live and still births)...							29.6
Still Birth Rate (per 1,000 estimated resident population)	0.5
Total live and still births	608		

(c) Deaths (excluding Still Births)

All Causes	558		
Death Rate (Crude)	15.4
Comparability Factor	0.94
Adjusted Death Rate (per 1,000 population)	14.48
Maternal Deaths	Nil
Maternal Mortality (per 1,000 total live and still births)	Nil

(d) Deaths of Infants under One Year

Total	5	8	13	
Legitimate	4	8	12	
Illegitimate	1	—	1	
Infant Mortality (per 1,000 live births)				22.03
Legitimate Death Rate (per 1,000 legitimate births)...							21.39
Illegitimate Death Rate (per 1,000 illegitimate births)							34.48

(e) Principal Causes of Infant Deaths

Birth Injury	3
Infection	1
Prematurity	3
Respiratory	6

(f) Deaths of Infants under 4 Weeks of Age

				Males	Females	Total	Rate
Total	4	7	11	
Legitimate	4	7	11	
Illegitimate	—	—	—	
Neo-Natal Mortality (per 1,000 total live births)				18.64

(g) Deaths of Infants under 1 Week

Total	3	6	9	
Legitimate	3	6	9	
Illegitimate	—	—	—	
Early Neo-Natal Mortality (per 1,000 total live births)							15.25
Perinatal Mortality (still births and deaths under 1 week combined per 1,000 total live and still births)	44.41

(h) Infant Mortality — Causes and Ages at Death

				1	2	3	6	1	9	11	Total
				day	days	days	days	week	mths.	mths.	
Respiratory	—	—	—	1	—	1	—	2
Congenital											
Malformations...	1	—	—	—	—	—	—	1	—	—	2
Prematurity	...	2	1	—	—	—	—	—	—	—	3
Birth Injury	...	2	—	1	—	—	—	—	—	—	3
Atelectasis	...	1	—	—	—	—	—	1	—	—	2
Others	—	—	—	—	—	—	1	1

(i) Principal Causes of Deaths

				All Ages			Percentage of Total Deaths
				Males	Females	Total	
Heart	121	107	228	40.86
Cancer	42	43	85	15.24
Cardio-Vascular Disease of the Central Nervous System	37	67	104	18.64
Respiratory	28	21	49	8.78

(i) Deaths from all Causes		Sex	Total All Ages	Under 4 Weeks		1-5	Age in Years				55-65	65-75 and over	
Cause of Death				4 Weeks & under 1 year	1-4		5-15	15-25	25-35	35-45			
1.	Tuberculosis, respiratory	... M ... F	2 1	— —	— —	— —	— —	— —	— —	— —	— —	2 1	— —
2.	Tuberculosis, other	... M ... F	1 1	— —	— —	— —	— —	— —	— —	— —	1 1	— —	— —
9.	Other infective and parasitic diseases	... M ... F	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	1 —
10.	Malignant Neoplasm, stomach	... M ... F	5 4	— —	— —	— —	— —	— —	— —	1 —	1 1	2 2	1 1
11.	Malignant neoplasm, lung, bronchus	... M ... F	16 1	— —	— —	— —	— —	— —	— —	2 —	3 1	5 —	6 —
12.	Malignant neoplasm, breast	... M ... F	— 7	— —	— —	— —	— —	— —	— —	— 3	— 1	— 2	— 1
13.	Malignant neoplasm, uterus	... F	6	—	—	—	—	—	—	—	2	3	1
14.	Other malignant and lymphatic neoplasms	... M ... F	18 24	— —	— —	— —	1 2	— 1	— —	— 3	4 4	6 4	6 10
15.	Leukaemia, aleukamia	... M ... F	3 1	— —	— —	— —	— —	— —	— —	— —	1 1	1 —	1 —
16.	Diabetes	... M ... F	2 6	— —	— —	— —	— —	— —	— —	— —	— 2	1 1	1 3
17.	Vascular lesions of nervous system	... M ... F	37 67	— —	— —	— —	— —	— —	— —	1 1	4 6	16 19	16 41
18.	Coronary disease, angina	... M ... F	69 25	— —	— —	— —	— —	2 —	— —	4 —	16 7	36 7	11 11
19.	Hyptertension with heart disease	... M ... F	6 9	— —	— —	— —	— —	— —	— —	— 2	— 2	2 2	2 3
20.	Other heart disease	... M ... F	33 62	— —	— —	— —	— —	1 —	— —	3 3	2 6	9 12	18 41

21.	Other circulatory disease	M	13	—	—	—	—	—	—	—	—	—	—	—	2	4	7
				F	11	—	—	—	—	—	—	—	—	—	—	—	1	2	7
22.	Influenza	M	2	—	—	—	—	—	—	—	—	—	—	—	1	—	1
				F	4	—	—	—	—	—	—	—	—	—	—	—	1	—	3
23.	Pneumonia	M	8	1	—	—	—	—	—	—	—	—	—	—	—	4	2
				F	12	—	—	—	—	—	—	—	—	—	—	—	—	4	7
24.	Bronchitis	M	8	—	—	—	—	—	—	—	—	—	—	—	—	6	1
				F	5	—	—	—	—	—	—	—	—	—	—	—	—	3	2
25.	Other disease of respiratory system	M	10	—	—	—	—	—	—	—	—	—	—	—	2	4	3
				F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26.	Ulcer of stomach and duodenum	M	2	—	—	—	—	—	—	—	—	—	—	—	1	—	1
				F	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
27.	Gastritis, enteritis and diarrhoea	M	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—
				F	2	—	—	—	—	—	—	—	—	—	—	—	1	1	—
28.	Nephritis and nephrosis	M	2	—	—	—	—	—	—	—	—	—	—	—	—	1	1
				F	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29.	Hyperplasia of prostate	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
31.	Congenital malformations	M	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—
				F	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—
32.	Other defined and ill-defined diseases	M	13	2	—	—	—	—	—	—	—	—	—	—	4	2	3
				F	26	6	—	—	—	—	—	—	—	—	—	—	3	2	9
33.	Motor vehicle accidents	M	5	—	—	—	—	—	—	—	—	—	—	—	1	—	1
				F	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34.	All other accidents	M	3	—	—	—	—	—	—	—	—	—	—	—	—	—	3
				F	8	—	—	—	—	—	—	—	—	—	—	—	—	1	5
35.	Suicide	M	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
				F	1	—	—	—	—	—	—	—	—	—	—	—	2	1	—
Total all causes		M	269	4	1	1	1	1	1	1	2	6	15	49	102	87	
				F	289	7	1	—	2	4	5	17	40	67	146				

(k) Road Accidents

I am indebted to the Chief Constable of Cornwall Constabulary for the following information about road accidents within the Urban District.

Month	Total	Fatal	Serious Injury	Slight Injury	Non Injury
January ...	45	—	5	8	32
February ...	52	1	5	7	39
March ...	52	1	3	13	35
April ...	51	—	9	8	34
May ...	52	—	9	11	32
June ...	51	—	8	8	35
July ...	71	1	10	17	43
August ...	69	1	6	17	45
September ...	61	1	6	8	46
October ...	61	—	7	17	37
November ...	63	2	5	19	37
December ...	58	—	5	18	35

(l) Accidents in the Home

Two accidents in the home needing hospital treatment came to the notice of the staff. Both patients were under school age. One child had a fractured arm and the other scalds.

(m) Drownings

No person was drowned on the Urban District beach last year.

4. Summary of Area Statistics

			STATISTICS 1963			
General			Camborne-		Area No. 2	
			Redruth	Kerrier	Helston	Total 1963
Area in Acres	22,411	90,989	4,017	117,417
Population	36,240	22,200	7,300	65,740
No. of inhabited houses	12,689	7,455	2,299	22,443
No. of Council houses	1,850	773	583	3,206
Vital						
No. of Births	590	323	186	1,099
Standardised Birth Rate	17.26	15.86	21.66	
No. of Still Births	18	5	1	24
Still Birth Rate (per 1,000 live and still births)	29.6	15.24	5.35	
Infant Deaths	13	8	5	26
Infant Mortality Rate	22.03	4.77	26.88	
Maternal Mortality	Nil	Nil	Nil	
No. of Deaths	558	304	98	960
Standardised Death Rate	14.48	12.87	10.87	

Principal Causes of Death
(percentage of Total Deaths)

(a) Infants under 1 year

(percentage of total infant deaths)

Congenital	15.00	12.50	Nil
Prematurity	23.00	50.00	Nil
Others	62.00	37.50	100%

(b) All Ages

Respiratory	8.78	4.61	12.24
Cancer	15.24	20.39	10.2
Heart	40.86	41.11	47.96
Cardio-vascular Disease of the Central Nervous System	18.64	17.11	15.31

Infectious Diseases

Tuberculosis

Notifications —

Respiratory	12	7	1	20
Non-Respiratory	7	1	1	9

Incidence Rate —

Respiratory	0.33	0.32	0.14
Non-Respiratory	0.11	0.05	0.14

Tuberculosis Deaths —

Pulmonary	3	3	Nil	6
Non-Pulmonary	2	2	Nil	4

Death Rate —

Respiratory	0.08	0.14	Nil
Non-Respiratory	0.06	0.09	Nil

Other Infectious Disease (Notifications)

Pneumonia	44	3	—	47
Measles	410	249	177	836
Whooping Cough	48	3	—	51
Dysentery	2	—	—	2

(Rates are given per 1,000 population.)

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE URBAN DISTRICT

1. Local Sanitary Services

(a) Staff

- (i) Camborne-Redruth U.D.C. (Local Sanitary Authority).

Medical Officer of Health and Area Medical Officer

Dr. J. A. W. REID, M.B., Ch.B., D.P.H., M.R.S.H.

Chief Public Health Inspector

Mr. C. F. BAXTER, M.A.P.H.I.

Public Health Inspectors

Mr. H. THOMASON, M.A.P.H.I.

Mr. C. H. SARGENT, M.A.P.H.I.

Mr. F. H. HAYWOOD, M.A.P.H.I.

Mr. R. W. LANDER, M.A.P.H.I.

Mr. W. R. REASON, M.A.P.H.I.

Mr. E. L. TAYLOR, M.A.P.H.I. (Left 30.11.63.)

Clerical Staff

Mr. C. HOUSE

Mrs. S. CLEMO

Rodent Operator

Mr. W. F. MATTHEWS

- (ii) Cornwall County Council Staff (Local Health Authority).

Clinic Doctors

Dr. M. M. COOK, M.D., D.T.M. & H.

Dr. E. M. McCARTHEY, L.R.C.P. & S.I.L.N.

Dentist

Mr. J. E. KENNY, L.D.S.

Assistant County Nursing Officer

Mrs. B. H. LEWIS, S.R.N., S.C.M., Q.N.S., H.V.Cert.

Health Visitors

Miss P. M. LUCKES (T.B. Health Visitor)

Mrs. B. GREEN

Miss L. A. PRYOR

Miss M. J. WILLIAMS

Miss E. V. ANGOVE

Miss M. E. SHADE

District/Nurse Midwives

Miss P. M. CRABB
 Miss M. DENT
 Mrs. F. KING
 Miss J. P. NATTRESS
 Miss L. ROBSON
 Miss P. TAYLOR
 Mrs. B. KINSMAN
 Mrs. F. LINDON

Male District Nurse

Mr. S. JEFFCOCK

Home Help Organiser

Mrs. A. M. LENNOX

Dental Attendant

Mrs. M. EAGLESON

Mental Welfare Officers

Mr. F. A. MARKS (Retired Oct. 1963)
 Mr. J. ALLAM (Away on a Course)
 Mr. E. SMITH
 Miss B. TRUSCOTT

Welfare Officers

Mr. T. H. E. BECKETT
 Mr. C. CLEMO

Clerical Staff

Mr. D. MAY
 Mrs. P. R. PHILLIPS
 Mrs. V. E. PAUL
 Mrs. E. BAWDEN (left April 1963)
 Miss F. M. PENDER (started April 1963)

One third of the Medical Officer of Health's time is devoted to the Personal Health Services which are the function of No. 2 Area Health Sub-Committee of the Cornwall County Council.

(b) Laboratory Facilities

Pathological and bacteriological specimens requiring examination are sent to the Public Health Laboratory, Royal Cornwall Infirmary, Truro. Hereunder is a summary of the investigations carried out :—

Urine and Faeces	...	Water Employees	...	25
Blood	...	do.	...	25
Sputum	...	Tuberculosis	...	33
Faeces	...	Suspected Food		
		Poisoning	...	4
Faeces	...	Dysentery	...	2
Urine and Faeces	...	Contact of Paratyphoid	...	1

Pork	No pathogenic organisms found.
Orange Juice	do.
Plums	do.
Stew	do.
Open tin of Salmon ...	do.

(c) National Assistance Act 1948 and (Amendment) Act 1951 — Section 47

Removal to suitable premises of persons in need of care and attention

The Medical Officer of Health visited 4 old persons, 3 females and 1 male, who were living alone and needing assistance.

Action had to be taken to remove the man to hospital. The remainder were supervised in their homes by the Nursing Staff and supported by the Home Help Service, Meals on Wheels, relatives and neighbours.

(d) Refuse Collection and Disposal

The following quantities of refuse were disposed of at the Council's Controlled Tip during the year :—

Household and Trade Refuse ...	50,524 cubic yards
Tip Covering	724 cubic yards
Rubbish and Highway Sweepings ...	4,482 cubic yards
	<hr/>
	55,730 cubic yards
	<hr/>

In common with most other areas in the country the bulk of household refuse continues to increase. This is thought to be one of the signs of a more affluent society. Every new house means an additional dustbin for weekly emptying and the time is approaching when an additional lorry will have to be employed to cope with the extra work. The new industrial site is also bringing its problems of refuse collection.

This was the first full year that a mechanical shovel was used on the tip and during this period the tip was generally kept in excellent condition. A weekly collection of household refuse was maintained throughout the year.

(e) Rodent Control

SEWER INFESTATIONS :

The treatment of sewers for rat infestation was carried out by test baiting in the Spring followed by a maintenance treatment with a further maintenance treatment in the Autumn.

The results are as follows :—

	No. of Manholes	Manholes Baited	Poison Baits Taken
Spring Treatment			
Camborne	698	132	90
Redruth	576	81	57
Illogan and Portreath ...	320	51	40
	No. of Manholes	Manholes Baited	Poison Baits Taken
Autumn Treatment			
Camborne	698	132	94
Redruth	576	81	48
Illogan and Portreath ...	320	51	31

SURFACE INFESTATIONS :

The practice of treating domestic premises free and making a charge for the treatment of business premises continued throughout the year.

The following table shows the extent of the work carried out during the year :—

	Type of Property				Total
	Local Authority	Dwelling Houses	Agricultural	Business, Etc.	
Number of properties in Local Authority's District	32	12,112	292	2,184	14,620
Number of premises inspected as a result of :—					
(a) Notification ...	3	180	5	52	290
(b) Survey ...	4	332	2	10	348
(c) Primarily for some other purpose ...	25	521	10	608	1,164
Number of properties found to be infested by :—					
(a) Rats Major ...	—	—	—	—	—
Minor ...	5	439	7	49	500
(b) Mice Major ...	—	—	—	—	—
Minor ...	—	50	—	10	60
Number of infested properties treated by Local Authority	5	489	7	59	560
Number of block control schemes carried out ...			23		

(f) Health Education

Health Education is a function of the Local Sanitary Authority under Section 179 Public Health Act, 1936, and of the Local Health Authority under Section 28 of the National Health Service Act, 1946.

Posters and leaflets were displayed in clinics, doctors surgeries, chemists' shops and on Council notice boards.

The programme of talks for mothers and parents continued in the clinics throughout the year.

The Redruth Health Club has a membership of 38 with an average attendance of 14, meeting weekly for discussion, talks or films on all aspects of health, both mental and physical. Subjects have included, Mentally Handicapped, Education, Toddlers, the School Child, pre-School Play Groups, Marriage and Freedom from Hunger.

These talks have been given by Specialists who have kindly given up some of their free time.

Open Day and Health Education

To mark the coming into use of the new clinic and Area Health Office at Camborne an Open Day was held on Friday and Saturday, 22nd and 23rd February, 1963.

Mrs. Williams, Chairman of the County Health Committee, opened the Exhibition which was designed to illustrate the work of the preventative health services in the community.

The stands illustrated the following topics :—

Nursing — Insulin Injections, Penicillin Injections, Other Injections, General Nursing Care, Dressings, Lifting of Helpless Patients, Bed Bathing and Record Keeping.

Midwifery — Ante-natal Care, Mothercraft Teaching, Relaxation Exercises, Normal Delivery, Equipment in Childbirth and care of Premature Babies, Post-natal Exercises and Care.

Mothercraft — Feeding of Infants, Weaning, Clothing, Normal Progress, Immunisation, Vaccination, Poliomyelitis Vaccination, Infant Welfare Centres and Mothers & Parents' Clubs.

School Health Service — Health Education, Medical and Cleanliness Inspections, Immunisation in Schools, Dental Care, Care of the Feet, School Meals.

Chest Clinic — Clinic Routine, Follow up of Contacts, B.C.G. Vaccination.

Old People's Welfare — Home Visiting, Meals on Wheels, Chiropody, Old People's Clubs, Aids for Handicapped.

Home Safety — Guard against Falls, Burns and Scalds, Suffocation, Drowning and Sharp Articles.

Environmental Hygiene — Waste Disposal, Water Supplies, Food Control, Housing and Infectious Disease Control.

Home Help — Help Provided.

It was estimated that about 1,500 persons visited the Exhibition.

2. Local Health Authority Service

Personal Health Services

The following Personal Health Services are provided under the National Health Service Act, 1946, by the Cornwall County Council and are administered through No. 2 Area Health Sub-Committee on which the Urban District is represented by four members.

(a) Care of Mothers and Young Children (Section 22)

Ante-Natal Supervision — Home Delivery

Women who desire to have their babies at home are supervised during their pregnancy by their family doctor and the domiciliary midwife. Adequate and continuous ante-natal and post-natal care is essential if complications in labour and chronic ill health in later life are to be avoided. Most practices in the Urban District hold Ante-Natal Clinics at their surgeries at which the midwife attends.

Hospital Delivery

Patients who have booked beds attend the hospital out-patients clinic. Apart from emergency cases, bookings for hospital confinements are allocated according to the Ministry of Health priority groups for medical or obstretical reasons and unsuitable home conditions. Patients who have been accepted for hospital confinement attend the hospital Ante-Natal Clinic, but continue to be supervised at home by their family doctors. Mothers and babies are normally discharged home on the tenth day after delivery to the care of the Health Visitor. The important post-natal examination which every mother has four weeks after delivery is carried out by their family doctor.

Health education is available for all mothers in the Urban District whether having a home or a hospital delivery.

Ante-Natal Education Classes are held at :—

Place	When Held	Time
Area Health Office, Camborne.	1st and 3rd Friday each month (Dom. Bookings)	2 p.m.
Area Health Office, Camborne.	2nd and 4th Thursday each month (Hosp. Bookings)	2 p.m.
Health Clinic, Station Hill,	Every Tuesday (Dom. and Hosp. Bookings)	6.45 p.m.

Number of sessions held during 1963	90
Number of mothers attending during 1963...	151
Number of attendances during 1963	735
Average attendance per session	8

Child Welfare Sessions are held at :—

Area Health Office, Camborne.	Every Wednesday	2—4 p.m.
Health Clinic, Station Hill, Redruth.	Every Tuesday	2—4 p.m.
British Legion Hall, Alexandra Road, Illogan.	1st, 2nd and 4th Thursday each month	2—4 p.m.
Community Centre, St. Day.	3rd Thursday each month	2—4 p.m.

The following table shows the number of infants and toddlers who attended the clinic and the number of visits these children made to the clinic throughout the year.

Centre	1st Attendance this year		Born in Previous 4 yrs.	Total Attd. Und. 1 yr.	Over 1 yr.	No. referred for special Treatment	
	Present Yr.	Last Yr.				Total	
Camborne	139	119	167	1,766	1,296	3,062	34
Redruth	127	156	301	1,442	1,225	2,667	19
Illogan	53	30	63	457	385	842	16
St. Day	18	21	48	112	160	272	5

Sale of Welfare Foods

Welfare Foods are issued at the following centres :—

Area Health Office, Camborne.
Clinic, Redruth.
British Legion Hall, Illogan.
Community Centre, St. Day.
Alma Stores, Carharrack.
Church Hall, Pool.
Edwards Stores, Troon.
P.O. Stores, Beacon.
1, Greenfield Villa, Portreath.
36, Barncoose Terrace, Illogan Highway.

Birth Control

Advice was given to 146 mothers during the year.

A Family Planning Clinic was started at Redruth in April 1963. It is held at the Health Clinic, Station Hill, Redruth. Before this clinic commenced the Redruth and Camborne mothers had to attend either at the Falmouth or Penzance clinics.

(b) Midwifery — Section 23

There are 8 County Council midwives and 1 part-time midwife in the Urban District.

During the year they attended 202 confinements, which represents 34% of the total births. Last year 354 expectant mothers had their babies in hospital, and 34 in Nursing Homes.

8 cases were discharged from the Maternity Hospital or Nursing Home to the care of the domiciliary midwife prior to the tenth day.

210 sterilised maternity packs were issued during the year.

The following number of ante-natal and post-natal visits were made during the year :—

			Post Natal	...	94	
			Ante-Natal	...	2,696	
				Domiciliary	Hospital	Nursing Home
Total Births	202		354	34
Fulltime	197		309	31
Stillbirths	1		6	—
Premature Stillbirths	...	—			10	1
Premature Live Births...		5			31	2
Neo-Natal Deaths	...	1			10	—
Other Infant Deaths	...	—			2	—

Relaxation Classes

The development of this essential part of ante-natal care can do nothing but good for expectant mothers. The number of persons attending during 1963 was 151.

(c) Health Visiting — Section 24

Six full-time Health Visitors work in the Urban District, the following is a summary of work carried out by them :—

Domiciliary Visits

Children 0—5 years	10,290
Aged and Infirm	609
Other Cases	107
Special Enquiries (Infant Deaths and Stillbirths)	18
Ante-Natal Visits	453

Attendance at Clinics

Welfare Clinics	202
Tuberculosis Clinics	103
Immunisations	31
Ante-Natal Educational Classes	90

Attendance at Schools

Medical Inspections	215
Cleanliness Inspections	193
Immunisation Sessions	36
Mothercraft	21

The Health Visitor is the General Social Worker responsible for advising all the families in her district and carries out the full range of duties in the Public Health and School Health fields, with the exception of tuberculosis visiting, venereal disease contact tracing, and supervision of handicapped persons. These latter tasks being allocated to specialist workers.

(d) Home Nursing — Section 25

Eight full-time and two part-time Home Nurses were engaged in district nursing in the Urban District during 1963, and they made 17,412 home visits.

The following table summarises their work :—

Medical	13,271
Surgical	2,561
Tuberculosis	1,401
Miscarriages	85
Others	94

(e) Vaccination and Immunisation — Section 26

The following table gives the number vaccinated and immunised at the clinics and by the doctors in the Urban District.

		Poliomyelitis Full Oral Course	Booster
General Practitioners	...	1,410	70
Local Health Clinics	...	3,414	105

During May, June and July the offer of oral poliomyelitis vaccine was made to all pre school and school children irrespective of previous injection protection. The number of children protected was as follows :—

At School	...	2,183
At Surgery	...	655
At Clinics	...	510
		<hr/> 3,348 <hr/>

		Diphtheria/Whooping Cough/Tetanus		Diphtheria/Tetanus	
		Primary	Booster	Primary	Booster
General Practitioners	...	169	19	1	29
Local Health Clinics	...	178	1	45	216

		Tetanus		Smallpox	
		Primary	Booster	Primary	Re-vaccination
General Practitioners	...	16	10	96	84
Local Health Clinics	...	8	19	42	1

(f) Ambulance Service — Section 27

During weekday working hours the County Ambulance Service from Tolvean Depot carries out all normal duties : at nights and at weekends cover is given by voluntary ambulance crews of St. John Ambulance Brigades of Redruth, Illogan and Camborne, using either their own or County ambulances.

All ambulances operating from the depot are wireless controlled and are thus instantly available wherever they may be. This frequently has enabled the Depot Controller to direct an already moving ambulance to the scene of an accident.

(g) Prevention of Illness, Care and After Care — Section 28

(1) Nursing Equipment

Cases discharged from hospital and requiring after care are treated by the Home Nurse or supervised by the Health Visitor. Sick room equipment such as urine bottles, bedpans, bed rests, air cushions, mattresses, rubber sheeting, can be had on loan.

(2) Hospital — After Care

The Assistant County Nursing Officer liaises with the hospital staff at Redruth General Hospital and Maternity Unit and Barncoose Hospital. Background reports of home and social conditions are made available to the medical staff and advance requests are made for home nursing, home help, or supervisory visits which the patient may require on discharge.

(3) Welfare Workers

To carry out the provisions of the National Assistance Act, 1948, two Welfare Officers and one Family Welfare Worker works in Area 2. The Family Welfare Worker devotes her time to problem families.

(4) Mental Health

Under the Mental Health Act, 1960, two Mental Welfare Officers provide for admission to hospital of all mentally ill patients, and mentally subnormal persons, and their subsequent after care and rehabilitation in the community.

(h) Domestic Help Service — Section 29

At the beginning of the year 103 cases in Camborne-Redruth were being served by a Home Help. There were 116 new cases during the year. Throughout the year the equivalent of 14 full time Home Helps were employed.

The following table shows the number and types of cases assisted during the year :—

Over 65	131
Under 65			
Chronic Sick	32
Mental Disorders	1
Maternity	13
Others	30
			<hr/>
			207
			<hr/>

(i) Meals on Wheels

Mrs. V. P. Pierce is the County W.V.S. Meals on Wheels Organiser.

The provision of meals in Camborne-Redruth throughout the year was as follows :—

St. Day, Lanner and Carharrack ...	1,190
Camborne	2,585
Redruth	1,260

(j) Laundry Service

It was not found necessary to call on this service during the year. However, there has been an increased use of incontinent pads which are suitable for most cases.

(k) Old People's Register

50 old persons, 38 females and 12 males were added to the register. At the end of the year the total number of old people known to the Public Health Department was 356.

Details of the new males and females were as follows :—

Age	No.	
66—70 years ...	22	(17 females and 5 males)
71—75 years ...	10	(8 females and 2 males)
76—80 years ...	10	(7 females and 3 males)
81—94 years ...	8	(6 females and 2 males)

Referrals — 10 persons came to the notice of the Health Visitors in their districts. The 40 remaining cases were referred by the hospital service, general practitioners, relatives and neighbours.

Disability — 14 suffered from chronic illness, 29 from frailty of old age, 2 from strokes, 1 from fractured femur, 1 from ulcerated leg, 2 from rheumatism and 1 from deafness.

Living Alone — 21 of the old folk lived alone.

Housing — 21 of the cases lived in terraced houses ; 4 in Council houses and 14 in cottages ; 7 in flats ; 3 in bungalows and 1 in rooms. Three recommendations were made for rehousing.

(l) Chiropody

A small amount of money was available for foot treatment of members of Old People's Voluntary Committees.

3. Hospital Services

(a) These services are administered by West Cornwall Hospital Management Committee on behalf of the South Western Regional Hospital Board. The hospital services in the area are :—

Hospital	Type	No. of Beds	
Redruth	General	Female	50
		Male	23
		Children	13
		Private	5
		Amcnity	2
			93
Redruth	Maternity		56
Barncoosc	Geriatic	Female	110
		Male	24
			134
Tehidy	Chest	Female	40
		Male	71
		Children	8
		Private	3
			122

Infectious diseases are admitted to St. Clements Hospital, Truro.

(b) Clinics

Chest Clinic — The Chest Clinic is situated at Tuckingmill, the times of the clinics are as follows :—

Chest Clinic		
New and Old Cases	Every Wednesday	
	except third	9.15 a.m.
New and Old Cases	Every Thursday	9.15 a.m.
Contact Clinic	Third Wednesday	
	each month	9 a.m.
Thoracic Surgery	Third Thursday	
	each month	3 p.m.

The close co-operation between the Area Medical Officer and the Chest Physician has been maintained throughout the year. The Health Visitor responsible for domiciliary visiting of cases of tuberculosis also acts as Clinic Nurse at the weekly Chest Clinics. A register of those patients requiring priority visiting and close supervision is kept in the Area Office. Two such new cases occurred during the year.

Venereal Disease Clinic

This clinic is held at Redruth Hospital as follows :
Every Friday — 5 p.m.

(c) Blood Transfusion

With the rapid advance of surgical and anaesthetic techniques, blood transfusion is becoming a vital part of modern treatment for accidents and disease. Donors are urgently needed.

This service is run by the South Western Regional Transfusion Centre at Bristol. Sessions are arranged in any town, village or factory who can supply 80 or more volunteers, by the British Red Cross Society.

Results of Donor Sessions — 1963

I am indebted to The Organising Director, Blood Transfusion Service, Plymouth, for the following details.

			No. of Sessions	Donors Attending
Camborne	1	95
Holmans, Camborne	1	103
Holmans, Redruth	1	91
Redruth	2	274

4. General Practitioners Service

Seventeen doctors practice from surgeries in Camborne, Redruth, Pool and Illogan.

There are two practices of four doctors, two of three doctors, one of two doctors and one with one doctor. There is a branch surgery at St. Day.

An additional practice was started in Illogan in September, 1963 with a branch surgery at Portreath.

SECTION C.

ENVIRONMENTAL HYGIENE

(a) Water Supply

REDRUTH AREA

The quality of the mains supply has again been satisfactory throughout the year. The quantity of water has been sufficient to maintain supplies without imposing serious restrictions, despite very severe weather conditions experienced during the winter. Considerable improvements in supplies to St. Day and high level areas since the completion of the 10" trunk main from Sandy Lane to Mount Ambrose in July, 1963, have been achieved.

The following new mains have been laid :—

Provision of 3" main (70 yds.) to Police Authority Housing at Strawberry Lane. (Distribution).

Provision of 3" main (340 yds.) from South Francis to Carnkie. (Supply).

Provision of 3" main (110 yds.) from Trevarth Cross Road to Lighthouse Hill. (Distribution).

Provision of 10" main (1,060 yds.) from Sandy Lane Reservoir to Mount Ambrose. (Distribution).

Provision of 6" main (60 yds.) from Sandy Lane Reservoir to Mount Ambrose. (Distribution).

Provision of 3" main (250 yds.) from Sandy Lane Reservoir to Mount Ambrose. (Distribution).

Extension of 3" main (65 yds.) at Green Lane, Portreath. (Distribution).

Extension of 3" main at Gilly Fields, Redruth. (Distribution).

Extension of 3" main at Mount Carbis, Redruth. (Distribution).

Provision of 1½" main (240 yds.) in Battery Hill, Portreath.

The number of new connections to the main during the year was 93.

All raw water to mains was tested regularly and found to be satisfactory. The results are as follows :—

MAIN WATER SUPPLY SOURCES

Penstruthal Intake	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Oct.	—	Satisfactory
		May	—	Satisfactory	Nov.	—	Satisfactory
		June	—	Satisfactory	Dec.	—	Satisfactory
Filtrick Intake	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Oct.	—	Satisfactory
		May	—	Satisfactory	Nov.	—	Satisfactory
		June	—	Satisfactory	Dec.	—	Satisfactory
Penventon Intake	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Oct.	—	Satisfactory
		May	—	Satisfactory	Nov.	—	Satisfactory
		June	—	Satisfactory	Dec.	—	Satisfactory
Distribution Mains	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Oct.	—	Satisfactory
		May	—	Satisfactory	Nov.	—	Satisfactory
		June	—	Satisfactory	Dec.	—	Satisfactory
Cathedral Shaft	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Oct.	—	Satisfactory
		May	—	Satisfactory	Nov.	—	Satisfactory
		June	—	Satisfactory	Dec.	—	Satisfactory
South Francis	...	Jan.	—	Satisfactory	Aug.	—	Satisfactory
		Feb.	—	Satisfactory	Sept.	—	Satisfactory
		May	—	Satisfactory	Oct.	—	Satisfactory
		June	—	Satisfactory	Nov.	—	Satisfactory
		July	—	Satisfactory			
Sandy Lane	...	Jan.	—	Satisfactory	July	—	Satisfactory
		Feb.	—	Satisfactory	Aug.	—	Satisfactory
		Mar.	—	Satisfactory	Sept.	—	Satisfactory
		April	—	Satisfactory	Nov.	—	Satisfactory
		May	—	Satisfactory	Dec.	—	Satisfactory
		June	—	Satisfactory			

WELLS AND CHUTES

Samples of the chutes and wells were taken at regular intervals and the bacteriological quality of many of these are indifferent.

Pennance	...	Feb.	—	Satisfactory		
Manorwidden	...	Mar.	—	Satisfactory		
Vogue Chute	...	Mar.	—	Unsatisfactory		
Chycarne Moor	...	April	—	Satisfactory		
Bolenowe Chute	...	April	—	Satisfactory		
Betty Adit	...	June	—	Suspicious		
Bosleake Well	...	July	—	Satisfactory	Oct.	— Unsatisfactory
Reskadinnick Chute	...	Aug.	—	Suspicious		
Lanner Stand Tap	...	Sept.	—	Suspicious		
Nancekuke	...	Nov.	—	Unsatisfactory		
Menadarva	...	Dec.	—	Satisfactory		
Reskadinnick	...	Dec.	—	Satisfactory		

Notices advising boiling are placed at all wells and chutes when unsatisfactory results are obtained.

CAMBORNE-ILLOGAN AREA

This area is supplied by the Camborne Water Company.

The rainfall registered at the Boswyn Station was 49.07 inches. This amount is about average and was fairly consistent throughout the year. No difficulty was experienced in maintaining supplies and no restrictions were imposed. The total quantity of water supplied was 412,000,000 gallons, an increase of 39,000,000 gallons over the previous year. A considerable amount of this increase was due to the loss of water that occurred early in the year when there was a long period of hard frost with the resultant burst pipes.

The quantity of water pumped at the Penponds Station was 163,000,000 gallons, 46,000,000 gallons of which were taken from Barripper stream.

The average daily consumption was 1,102,000 gallons giving an average per head of population of approximately 41 gallons. During the year 104 samples of water were taken from various points of the distribution system for bacteriological examination and all were reported as being satisfactory.

Mains laid during the year :—

Station Road, Pool to Industrial Site	700 yards — 8"
Industrial Site, Pool	160 yards — 6"
Barripper to Ramsgate	1,220 yards — 9"
Park Bottom Housing Estate	180 yards — 3"
Treswithian Downs further extension	400 yards — 3"
North Roskear Road, Camborne	100 yards — 2"
New services installed ...	146

The estimated number of houses supplied by the Company in the area is 7,484 and practically all of these are connected to the mains.

(b) Drainage and Sewerage

The pumping stations at Portreath and Penponds continued normal operations during the year and the following quantities of sewage were pumped :—

Portreath	78,095,000 gallons.
Penponds	16,944,000 gallons.

Foul and storm water sewers were laid to the western end of the Industrial Site at Pool during the year. No other new sewerage work was carried out during 1963, but the preparational work in connection with the St. Day and Lanner Scheme continued throughout the twelve months under review and considerable progress was made by the Surveyor's staff.

Nine sewers in connection with private estate development were taken over as public sewers by the Council during the year.

During 1963 the department took over the maintenance of two small rivers in the area, into which storm water from the Industrial Site was being discharged. The streams were in parts badly silted and overgrown. The levels of the streams were lowered by as much as three feet in places, and are now coping readily with the increased flow.

Cesspool and Gully Emptyings

The total number of gullies emptied during the year was 17,021. 12,339 of these emptyings were in connection with County Council roads and 4,683 were emptyings of gullies on roads administered by the Urban Authority.

520 cesspools were emptied during the year, this is 65 more than in the previous year. The demands for cesspool emptyings rise year by year, and it is hoped that the position will improve once the sewers in the St. Day and Lanner Ward are constructed.

(c) Sanitary Inspection

(i) Complaints

The following complaints were received and dealt with during the year :—

Choked sewers and drains	761
Unsatisfactory housing conditions	99
Unsatisfactory sanitation and drainage	30
Unsatisfactory water supply	4
Overcrowding	45
Rats and mice	268
House refuse collection	62
Miscellaneous	43

(ii) Nuisances Abated, Defects Remedied, etc.

The following works were carried out under the supervision of the Public Health Inspectors during the period under review :—

Premises connected to the sewer	164
New lengths of drain laid	1,139
Choked drains cleared	761
New waterclosets installed	176
Waterclosets repaired or renewed	11
Pail or pit closets abolished	5
New cesspools provided	40
Private disposal plants provided	25
Cesspools abolished	2

Defective roofs repaired	30
Eaves gutters and downpipes repaired or renewed.				17
Dampness remedied	11
Walls and ceilings repaired	12
Floors repaired	5
Window frames and sash cords repaired or renewed				12
Doors repaired or renewed	4
Water supply improved	6
Cooking apparatus repaired or renewed			...	2
Fireplaces, chimneys, flues repaired	6
External walls repaired	5
Other nuisances abated	3

(iii) Verminous Premises

Two premises were treated during the year for flea infestation by spraying with an insecticide.

(iv) Infectious Diseases

Twenty-two visits were made following the notification of infectious diseases.

(d) Factories Act, 1961

Inspections made by Public Health Inspectors for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
i. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority ...	6	6	—	—
ii. Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	139	103	3	—
iii. Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).	16	36	—	—
Total ...	161	145	3	—

Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more 'cases').

Particulars	No. of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness ...	3	3	—	—	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences :					
(a) Insufficient	3	3	—	—	—
(b) Unsuitable or defective	5	5	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—
Total ...	11	11	—	—	—

OUTWORKERS

Notifications of 28 outworkers said to be engaged in the making of wearing apparel were received by the Council during the year. All premises were inspected and found to be satisfactory.

SECTION D.

HOUSING

(a) Housing position in 1939

Prior to the 1939-45 War the Council owned 539 dwellings located as follows :—

Camborne (Manor Road Estate)...	...	246
Illogan (Killiers Fields Estate)	96
Redruth (North Close Estate)	197
		<hr/>
		539
		<hr/>

(b) Post-War House Erection

(i) Progress

During 1963 new dwellings were erected on the Estate at Illogan, and the following were completed :—

40 Traditional Dwellings.

(ii) Present Position

At 31st December, 1963, the following numbers of houses had been completed since the War :—

(a) Traditional Dwellings

1. North Close, Redruth	16
2. Treleigh Estate, Redruth	95
3. Tresavean Estate, Lanner	28
4. Treloweth Road, Pool	28
5. Paynters Lane End, Illogan	38
6. Pengegon Estate, Camborne	75
7. Crane Road, Camborne	69
8. Illogan Estate	199
9. Weeth Estate, Camborne	147
10. Four Lanes Estate, Redruth	12
11. Cardrew Estate, Redruth	66
12. Troon Estate, Camborne	52

(b) Permanent Non-Traditional Dwellings

1. Prefabricated Aluminium Dwellings at Pengegon Estate	40
2. Cornish Unit Dwellings at Pengegon Estate	68
3. Cornish Unit Shop and Flats at Pengegon Estate	4
4. Cornish Unit Dwellings at Treleigh Estate	130
5. Cornish Unit Dwellings at Park Bottom Estate	38
6. Cornish Unit Dwellings at Illogan Estate	36
7. Cornish Unit Dwellings at Weeth, Camborne...	...	50

(c) **Temporary Dwellings**

1.	Prefabricated 'Arcon' Dwellings at Pengegon Estate	49
2.	Prefabricated Aluminium Dwellings at Pengegon Estate	28
3.	Prefabricated Aluminium Dwellings at Strawberry Lane	22
4.	Converted Nissen Hut Dwellings at W.A.A.F. Site, Portreath	17
		<hr/> 1,307 <hr/>

(d) **Future Programme**

1. ILLOGAN HOUSING ESTATE
The completion, by Direct Labour, of 4 Traditional Houses.
2. PARK BOTTOM ESTATE, ILLOGAN
The erection, by Contract, of 48 Traditional Houses and 23 Garages.
3. COLLEGE STREET, CAMBORNE
The erection, by Direct Labour, of 33 Traditional Flats.
4. WEETH ESTATE, CAMBORNE
The erection, by Direct Labour, of 19 Garages.
5. GENERAL
Land already owned by the Council at Weeth. Camborne ; Carharrack ; Newton Road, Troon ; North Country, Redruth ; Pengegon ; and Pennance, Lanner will be developed in due course.

Arrangements for the acquisition of land in various parts of the area are proceeding.

(e) **Present Position**

Pre-War houses	539
Erected since the War	1,307
	<hr/> 1,846 <hr/>
Houses sold to tenants	18
	<hr/>
Houses owned by the Council at 31/12/63 ...	1,828 <hr/>

(f) **Private Enterprise**

During 1963 a further 127 dwellings were completed by Private Enterprise, making a total of 801 dwellings since the War.

(b) **House Demolition**

(i) Proceedings under Sections 16 and 17 of the Housing Act, 1957 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	4
(2) Number of dwelling-houses in respect of which Closing Orders were made	12
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders and Closing Orders	...		2
(4) Number of dwelling-houses in respect of which undertakings were accepted	1
(5) Number of local authority owned houses certified unfit by the Medical Officer of Health	1

(ii) Proceedings taken under Sections 42, 43 and 44 of the Housing Act, 1957 :—

(1) Number of dwelling-houses included in Clearance Orders	8
(2) Number of dwelling-houses in Clearance Orders confirmed by Minister		Nil
(3) Number of dwelling-houses included in Clearance Orders and demolished		3

During the year 22 families were rehoused by the Council from unfit properties, which were subject to Demolition or Closing Orders.

(c) **House Inspections**

(a) The total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	133
(b) Number of inspections made for the purpose	...				966
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation		32
Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	79

(d) House Repairs

(i) Remedy of Defects during the year without service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers	32
--	----

(ii) Action under Statutory Powers during the year.

(a) Proceedings under Section 9 of the Housing Act, 1957 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	Nil
---	-----

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
--	--

(a) By owners	Nil
----------------------	-----

(b) By local authority in default of owners ...	Nil
---	-----

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring repair ...	10
--	----

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
--	--

(a) By owners	10
----------------------	----

(b) By local authority in default of owner ...	1
--	---

(e) House Improvements

(i) Rent Act, 1957.

The following is a summary of the work carried out under the Rent Act, 1957 :—

Part (A) Application for Certificates of Disrepair.

(1) Number of applications for Certificates ...	2
---	---

(2) Number of decisions not to issue Certificates ...	Nil
---	-----

(3) Number of decisions to issue Certificates ...	2
---	---

(a) in respect of some but not all defects ...	2
--	---

(b) in respect of all defects	Nil
--------------------------------------	-----

(4) Number of undertakings given by landlords under paragraph 5 of the First Schedule	Nil
--	-----

(5) Number of undertakings refused by Local Authorities under proviso to paragraph 5 of the First Schedule	Nil
---	-----

(6) Number of Certificates issued	1
--	---

Part (B) Application for Cancellation of Certificates.

(1) Applications by landlords to Local Authority for cancellation of Certificates	Nil
(2) Objections by tenants to cancellations of Certificates	Nil
(3) Decisions by Local Authority to cancel in spite of tenant's objection	Nil
(4) Certificates cancelled by Local Authority ...	Nil

(ii) **Discretionary Grants Year Ended 31st December, 1963**

Number of applications received ...	54
Number of applications approved ...	54
Amount paid	£19,252
Total number of applications received since operation of scheme in 1955	676
Total amount paid to 31st December, 1963...	£74,913. 10s. 7d.

(iii) **Standard Grants**

During the year a further 101 applications were received for Standard Grants.

The following is a summary showing the position during the year and also the progress made since the House Purchase and Housing Act came into force :—

	During 1963	Period 14.6.59- 31.12.63
Number of applications received ...	101	407
Number of applications withdrawn ...	10	65
Number of applications refused ...	3	7
Number of applications approved ...	88	318
Number of applications awaiting approval	16	17
Number of houses in which works were completed and the grant paid ...	57	231
Number of baths installed	50	204
Number of wash hand basins installed.	47	203
Number of hot water systems installed.	52	224
Number of waterclosets installed ...	47	146
Number of food cupboards installed ...	52	213

492 visits were made during the year in connection with the above work.

(f) **Applications for Rehousing**

No. of tenancy applications — December, 1963 ...	584
No. of Council tenants transferred during 1963 ...	80
No. of families housed during 1963	106

Classification of Families Housed during 1963

No home of own	29
Slum Clearance	22
Overcrowding	12
Medical Certificate 'A'	8
Old Age Pensioners	12
Court Orders	11
Road Improvement Scheme	1
Engaged Couples	—
Council Staff	1
Industrial Key Workers	4
Cornwall County Council — Homeless Family	1
Holman Extension Scheme	4
Stithians Dam Rehousing	1
					106

(g) Non-Traditional Housing :

Caravans

At the end of 1963 there were 48 licensed caravan sites in the area covering altogether some 287 caravans.

The sites are classified as follows :—

Classification		Individual Sites	2—5 Caravans	6—10 Caravans	11—20 Caravans	Over 20 Caravans
Permanent Residential	...	6	2	2	2	3
Temporary Residential	...	18	1	1	—	—
Permanent Seasonal	...	1	2	3	2	—
Temporary Seasonal	...	5	1	1	—	1
Total		30	6	7	4	4

In the case of three sites permission is held for both seasonal and permanent use and in these cases they have been included under both headings. It will be noticed, therefore, that the table shows three more sites than stated above. This has been necessary to give a clear picture.

(h) Housing of Special Categories

(i) Housing on Medical Grounds

134 applications were investigated by the Medical Officer of Health and classified as follows :—

Category 'A' ...	105
Category 'B' ...	27
Category 'C' ...	2

(ii) Rehousing of Problem Families

The Family Welfare Worker has had a case load of about 16 cases in the Urban District throughout the year. The following table gives a summary of the type of social problems with which she has had to deal.

History of mental illness	4
History of physical illness	7
Bad house management	13
Husband will not support family...		4
Lack of money	6

During the year one family having the help of the Family Welfare Worker was rehoused in a Council house and have continued to make satisfactory progress.

SECTION E.

FOOD HYGIENE

(a) Milk

The department is notified of the results of samples of milk taken in this area by the Cornwall County Council. The following is a summary of the results of samples taken during 1963.

No. OF SAMPLES TAKEN		
T.T.	Pasteurised	Sterilised
22	146	2

RESULTS OF STATUTORY TESTS

Satisfactory			Unsatisfactory		
T.T.	Pasteurised	Sterilised	T.T.	Pasteurised	Sterilised
19	141	2	3	5	Nil

(b) Ice Cream

Nine premises were registered for the storage and sale of ice cream during 1963. This brings the total of such premises now registered in the area to 216.

Thirty-six samples of ice cream were taken during the year and the results are as follows :—

Provisional Grade I	...	33
Provisional Grade II	...	2
Provisional Grade III	...	1
Provisional Grade IV	...	—

Two of these samples were of ice cream made in the area.

(c) Meat Inspection

TABLE 1. CARCASSES INSPECTED AND CONDEMNED

		Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed	...	5,583	2,610	17,706	13,687	133,666
Number Inspected	...	5,575	2,608	17,672	13,686	128,656
ALL DISEASES EXCEPT TUBERCULOSIS :						
Whole carcasses condemned	...	3	26	41	31	192
Carcases of which some part or organ was condemned	...	907	834	106	206	6,718
Percentage of the number inspected affected with disease other than tuberculosis	...	20.42%	32.97%	.83%	1.73%	5.03%
TUBERCULOSIS ONLY :						
Whole carcasses condemned	...	—	—	—	—	6
Carcases of which some part or organ was condemned	...	—	2	—	—	1,651
Percentage of the number inspected affected with tuberculosis	...	—	.07%	—	—	1.28%
CYSTICERCUS BOVIS :						
Carcases of which some part or organ was condemned	...	51	14	—	—	—
Carcases submitted to treatment by refrigeration	...	13	2	—	—	—
Generalised and totally condemned	...	1	—	—	—	—

TABLE II. MEAT INSPECTION — REASONS FOR CONDEMNATION

Description	Number Killed	Number Inspected	Tuberculosis										Other Conditions										TOTALS
			Generalised	Localised	Dropsy and Emaciation	Injury and Bruising	Parasitic	Arthritis	Pyæmia	Abscess and Tumours	Inflammation	Actinomycosis	Distomatosis	Cavernous Angioma	Pleurisy	Pneumonia	Cysticercus Bovis	Jaundice	Immaturity	Moribund	Fever	Miscellaneous	
BOVINES	8193	8183																					
Whole carcasses...	—	—	17	1	—	—	1	—	—	—	—	—	—	—	1	—	—	1	9	—	—
Part carcasses	—	—	—	25	—	—	1	—	6	—	—	—	—	—	—	—	—	—	—	1	—
Heads & Tongues	—	2	—	—	—	—	—	14	—	41	—	—	—	—	65	—	—	—	—	—	—
Lungs	—	1	—	—	—	3	—	7	—	—	—	15	3	—	—	—	—	—	—	—	—
Livers	—	1	—	—	—	—	7	143	—	—	1179	263	—	—	—	—	—	—	—	—	—
CALVES	17706	17672																					
Whole carcasses...	—	—	4	—	—	—	7	—	—	—	—	—	—	—	—	1	18	5	5	1	—
Part carcasses	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lungs	—	—	—	—	—	1	—	55	—	—	—	—	1	—	—	—	—	—	—	—	—
Livers	—	—	—	—	—	4	—	79	—	—	—	—	—	—	—	—	—	—	—	—	—
SHEEP	13687	13686																					
Whole carcasses...	—	—	22	1	—	—	1	—	—	—	—	—	—	—	—	1	—	1	4	1	—
Part carcasses	—	—	—	4	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Lungs	—	—	—	—	—	57	—	7	—	1	—	1	—	—	—	—	—	—	—	—	—
Livers	—	—	—	—	—	101	—	6	—	2	72	—	—	—	—	—	—	—	—	—	—
PIGS	133666	128656																					
Whole carcasses...	6	—	51	4	—	—	12	34	1	—	—	—	—	—	—	3	—	17	65	5	—
Part carcasses	—	—	—	55	—	—	45	—	72	—	—	—	—	—	—	—	—	—	3	—	—
Heads & Tongues	—	1642	—	1	—	—	—	—	49	—	—	—	—	—	—	—	—	—	—	—	—
Lungs	—	—	—	—	—	—	—	—	2	1289	—	—	3351	414	—	—	—	—	—	—	—
Livers	—	—	—	—	4601	—	—	—	—	1833	—	—	—	—	—	—	—	—	—	—	—
TOTALS	173252	168197	6	1646	94	92	4767	66	43	443	3125	41	1251	263	3367	419	66	5	18	24	86	8	15830

The total weight of meat condemned during 1963 was 56 tons 18 cwts. 3 qrs. 17 lbs. On the 1st October, 1963, the new meat regulations came into force. The regulations required local authorities to provide 100% meat inspection ; and further required that every carcase passed as fit for human consumption be stamped showing the name of the authority and an identifying mark of the Inspector. Since the commencement of the regulations this authority has maintained 100% meat inspection and this has involved the meat inspectors in regular overtime work during week-ends and bank holidays.

The new regulations also permitted local authorities to charge the slaughtering establishments for the service of meat inspection ; a maximum charge per animal being laid down. In this area the maximum permitted charge is made where one or two animals are slaughtered at one time at the smaller privately owned slaughterhouses, and an agreed charge to cover a six months period is made against the larger establishments. The new system appeared to work very well during the first three months of its operation.

This year saw a total of 173,252 animals slaughtered in the Urban Area, this is by far the largest annual kill in this area since the war and may well be the largest kill ever. One of the reasons for this increase is that the two bacon factories have now engaged in the business of slaughtering large numbers of smaller pigs for the porker trade. In the past they have confined themselves to the slaughter of bacon pigs and sows.

(d) Other Foods

148 visits were made to shops and premises other than slaughterhouses in connection with the examination and condemnation of food for human consumption.

Canned Vegetables	146 lbs.
Fresh Vegetables	10,446 lbs.
Canned Fruit	1,245 lbs.
Canned Meat and Fish	3,165 lbs.
Canned Milk	39 lbs.
Miscellaneous Canned Foods	93 lbs.
Cereals	48 lbs.
Dried Fruit	145 lbs.
Meat and Fish	510 lbs.
Miscellaneous Foods	366 lbs.
			<hr/>
			16,203 lbs.
			<hr/>

Total weight of food condemned :

7 tons 4 cwts. 2 qrs. 19 lbs.

(e) Food Premises

The Food Premises Register now contains records of premises as follows :—

Grocers	186
Butchers	38
Restaurants, etc.	29
Fish and Chip Shops...	26
Confectioners	59
Bakehouses	13
Green Grocers and Fruiterers	27
Licensed Premises	55
School Kitchens	21
Factory Canteens	8
Miscellaneous	15
Food premises registered for the storage and sale of ice cream	216
Premises registered for the manufacture of sausages	73
Premises registered for the cooking of fish	26

1,287 visits of inspection were made to food premises during the year, this is a matter of 110 visits more than were made during the previous year for a similar purpose. This is extremely important work and I am convinced that it is only by regular inspection can the cleanliness of premises and the personal hygiene of food handlers be maintained at a safe and satisfactory standard. Every attempt is made to devote more time to this particular work.

SECTION F.

GENERAL EPIDEMIOLOGY

The total number of Infectious Disease notified during 1963 was 581 compared with 197 in 1962. The increase is accounted for by the increase in the cases of measles.

Puerperal Pyrexia

The number of Camborne-Redruth mothers confined in hospital and developing Puerperal Pyrexia was 8. One case occurred in a domiciliary confinement.

The Maternity Unit at Redruth serves the whole of the County. 1,765 hospital births were notified and 46 cases of Puerperal Pyrexia occurred. This gives an incidence of 26 cases per 1,000 births in hospital practice.

Measles

19 cases were notified in the previous year. During the first quarter of the year 61 cases were notified, then cases were sparse until September when notifications rose markedly and increased with each succeeding month until January 1964.

49% of the cases occurred in Primary School children, 47% pre-school children and 3% under one year of age.

Pulmonary Tuberculosis

12 new cases of Pulmonary Tuberculosis were notified throughout the year, giving a case incidence of 0.33 per 1,000 population.

89 contacts of these new notifications were investigated, giving a contact rate of 7 persons per notified case. The table below shows the type of contact investigated and the refusals.

		Household Contacts					Total
		Pre-School	School	Adolescents	Adults	Others	
Consented	...	7	7	—	23	48	85
Refused	...	—	—	1	3	—	4

12 new pulmonary and 7 non-pulmonary cases were notified in 1963. In addition there were 7 cases of pulmonary tuberculosis arriving in the area from other districts and 3 non-pulmonary. 13 pulmonary cases were admitted to hospital. The length of stay in hospital varied from 2 weeks to 6 months. 3 cases were notified for the first time at death.

(i) Register

		No. of cases of Tuberculosis on Register at commencement of year		No. of cases of Tuberculosis on Register at the end of the year	
		Respiratory	Non-Respiratory	Respiratory	Non-Respiratory
Males	...	147	10	136	13
Females	...	62	10	53	10
Totals	...	209	20	189	23

Restored to register 1 male non-pulmonary.

Removals from Register during year

Reason for Removal	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Removed from district...	4	3	—	—
Recovered ...	11	10	—	1
Died ...	11	2	2	2
Totals ...	26	15	2	3

(ii) New Cases during the year

Age Periods	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Under 1 year ...	—	1	—	—
1 to 4 years ...	—	—	—	—
5 to 14 years ...	—	—	—	—
15 to 24 years ...	1	—	—	—
25 to 34 years ...	3	—	2	1
35 to 44 years ...	—	—	—	1
45 to 54 years ...	1	1	1	—
55 to 64 years ...	2	—	—	1
65 and over ...	3	—	—	1
Totals ...	10	2	3	4

Tuberculosis Deaths

Age Group	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Under 1 year ...	—	—	—	—
1 to 4 years ...	—	—	—	—
5 to 14 years ...	—	—	—	—
15 to 24 years ...	—	—	—	—
25 to 34 years ...	—	—	—	—
35 to 44 years ...	—	—	—	—
45 to 54 years ...	—	—	—	—
55 to 64 years ...	—	—	1	1
65 and over ...	2	1	—	—

(iii) Contact Tracing and Protection

During 1963, 82 persons were given B.C.G. by the Chest Physician being contacts of persons suffering from tuberculosis. A further 14 were found after being mantoux tested, not to require B.C.G. vaccination.

(iv) School Children Protection

A summary of this year's work is given below.

B.C.G. Vaccination of School Children in Camborne-Redruth

School	Estimated No. in Age Group	Consents		Given Skin Test		B.C.G'd. Before	Positive Reactors		Negative Reactors Given B.C.G.	Total No. Absent
		No.	%	No.	%		Naturally Positive	Total		
Tolguş Sec. Mod.	... 256	199	77.74	171	85.93	10	11	21	12.28	39
Trewirgie Sec. Mod.	... 147	123	83.68	112	91.06	2	4	6	5.36	18
Camborne Grammar	... 133	113	84.96	107	94.69	2	15	17	15.89	6
Treswithian Sec. Mod.	... 417	301	72.19	284	94.34	25	35	60	21.13	27
Redruth Grammar	... 176	146	82.96	137	93.84	10	14	24	17.52	15
Pool Sec. Mod.	... 174	129	74.15	114	88.37	6	12	18	15.79	23
Mt. Pleasant	... 7	7	100	7	100	—	1	1	14.29	—
Curnow Centre	... 10	7	70.00	7	100	—	2	2	28.57	—
Totals	1,320	1,025	77.64	939	91.62	55	94	149	15.87	128

Infectious Diseases Notifications 1947-1963

Disease	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Meningococcal Infection ...	—	—	—	1	1	—	—	—	1	1	1	—	1	1	2	2	1
Scarlet Fever ...	16	25	22	31	56	82	31	26	34	7	4	6	56	25	6	4	6
Whooping Cough ...	63	122	21	11	104	7	199	56	11	6	220	10	3	4	70	12	48
Diphtheria ...	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	14	11	6	12	10	5	4	8	9	8	4	4	—	4	8	3	5
Measles ...	467	84	497	12	280	117	1,117	4	274	98	31	788	74	4	902	19	410
Pneumonia ...	30	21	19	22	37	35	35	35	35	33	34	57	34	31	44	41	44
Acute Poliomyelitis ...	1	2	25	6	5	—	2	1	—	—	2	3	—	—	—	—	—
Food Poisoning ...	—	—	—	—	3	3	1	33	11	13	1	6	—	—	—	—	—
Puerperal Pyrexia ...	64	12	59	42	30	100	106	126	116	138	136	85	72	68	55	78	47
Acute Rheumatism ...	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	—	—	7	1	19	1	10	21	—	—	—	1	—	—	—	15	2
Ophthalmia Neonatorum ...	2	2	1	—	—	—	—	1	1	3	—	—	1	—	—	—	—
Tuberculosis— Pulmonary ...	25	37	44	34	31	37	50	3	37	40	37	28	28	31	12	10	11
Non-Pulmonary ...	3	3	13	2	18	7	5	3	4	7	4	4	3	1	3	1	7

Notifications of Infectious Diseases during 1963

Disease	MONTHS												Males	Females	Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
Scarlet Fever	...	—	—	2	—	—	—	3	—	—	—	1	2	4	6
Erysipelas	...	—	—	1	—	—	1	—	2	—	1	—	2	3	5
Measles	... 27	11	23	9	3	2	11	10	40	63	87	124	189	221	410
Pneumonia	... 5	8	6	7	1	1	4	3	1	4	—	4	13	31	44
Whooping Cough...	8	—	5	16	11	—	5	1	1	1	—	—	23	25	48
Puerperal Pyrexia..	5	3	4	10	4	6	5	1	5	2	1	1	—	47	47
Meningitis	...	—	—	—	—	—	—	1	—	—	—	—	—	1	1
Pulmonary Tuberculosis —															
Males	.. 1	1	1	1	1	1	1	1	—	—	1	1	10	—	10
Females	...	—	—	—	—	—	—	—	1	—	—	—	—	1	1
Non-Pulmonary Tuberculosis —															
Males	.. —	—	—	1	—	—	—	—	1	1	—	1	4	—	4
Females	. 1	—	—	—	—	—	—	—	—	1	—	1	—	3	3
Sonne Dysentery...	1	—	—	—	—	—	—	—	—	—	—	1	1	1	2

Notifiable Diseases during the Year 1963

Diseases	AGE GROUPS														Admitted to Hospital	Total 1963	Total 1962	Increase or Decrease
	Not Known	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-34	35-44	45	65	+				
Scarlet Fever	...	—	—	—	—	1	1	4	—	—	—	—	—	—	—	6	4	+ 2
Erysipelas	...	—	—	—	—	—	—	—	—	—	1	2	2	—	—	5	3	+ 2
Measles	...	1	14	36	52	37	48	202	18	—	2	—	—	—	6	410	19	+391
Pneumonia	...	1	1	1	1	1	2	4	1	1	1	3	13	13	—	44	41	+ 3
Whooping Cough...	—	1	8	11	2	7	14	14	—	—	—	1	—	—	—	48	12	+ 36
Puerperal Pyrexia..	1	—	—	—	—	—	—	—	—	4	37	5	—	—	46	47	77	— 30
Meningitis	...	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1	2	— 1
Pulmonary Tuberculosis— Males	...	—	—	—	—	—	—	—	—	—	4	—	3	3	—	10	8	+ 2
Females	...	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	2	— 1
Non-Pulmonary Tuberculosis— Males	...	—	—	—	—	—	—	—	—	—	2	1	1	—	—	4	1	+ 3
Females	...	—	—	—	—	—	—	—	—	—	1	—	1	1	—	3	—	+ 3
Dysentery	...	—	—	—	—	—	—	—	1	—	1	—	—	—	—	2	15	— 13

P. R. Earle,
The Camborne Printing
Co. Ltd.
